1542.156D Changes

General Changes

- **Time to Train**
  - **Reduced to 126.1 days/28 weeks**
  - **Reduced from 109.0 hours to 107.0 hours**
- **Glossary**
  - **6. Blue ATF. A standard or supplemental ATF that is printed on blue paper. The blue ATF is used to denote a Marginal event and the blue supplemental ATF is used to track students on SMS.**
  - **31. Ready Room UNSAT (RRU). An UNSAT grade given for inadequate knowledge of flight procedures, systems, discuss items, emergency procedures, or deficient preflight planning during the brief. A missed brief does not constitute a "Ready Room UNSAT" and**

General Changes

- **General Instructions**
  - **b. Ready Room UNSAT (RRU)**
  - **(1) An RRU on any syllabus event will result in an IPC. Document the RRU on a pink ATF for that event. The event will be marked as incomplete with an UNSAT grade in the procedures column. On remediation of UNSAT performance, the event will be flown to completion, and general knowledge and emergency procedures will be incorporated into the overall grading solution. A missed brief does not necessarily constitute a "Ready Room UNSAT" and will be handled by SNA's squadron. Use a supplemental ATF (writeup) to document a missed brief. An IPC triggered by an RRU may be performed as a brief only, or as a complete event. In either case, the NFS must be informed at least the day prior regarding how the IPC will be conducted, and all pre-IPC and post-IPC counseling must be**

General Changes

CRITERIA FOR AWARDING WARMUP EVENTS IN STAGE		
Break* (Days)	**Warmup Events**	**Remarks**
7-13 Sim to A/C	1 Mandatory Simulator	• Mandatory WU is not an advancing event. • WU event may be flown in aircraft with the TRAWING Commander's approval.
7-13 All Others	1 Optional	• Optional WU based on performance and is required if overall grade is Marginal or UNSAT. • WU is prohibited if performance meets MIF or is sufficient to meet MIF by EOB.
14-30 Sim to A/C	2 Mandatory Simulators	• Mandatory WUs are not advancing events. • For blocks with a single simulator event, only one mandatory WU event is required.
14-30 All Others	1 Mandatory 1 Optional	• Mandatory WU is not an advancing event. • Optional WU based on performance and is required if overall grade is Marginal or UNSAT. • Optional WU is prohibited if performance meets MIF or is sufficient to meet MIF by EOB.

*Break = (Current Julian Date) – (Julian Date of last event, regardless of stage).

General Changes

- **1. Criteria for an IPC are:**
  - **a. Failed check ride (SXX90).**
  - **b. Two consecutive or three UNSAT events in a block, not including ET (SXX87) or warmup (SXX86) events.**
  - **c. A single Ready-Room UNSAT (RRU) event.**
  - **d. Operations Officer or above may direct an IPC when the student's potential to complete MPTS is in doubt. (See paragraph 8e, failure to meet specific goals of SMS.)**
- **1. Criteria for FPC:**
  - **a. Following a failed IPC.**
  - **b. If the conditions requiring an IPC exist and the SNA has already accomplished an IPC.**
  - **c. Failing two exams.**
- **2. Commanding Officer-directed FPC when the student's potential to complete MPTS is in doubt. (See paragraph 8e, failure to meet specific goals of SMS.)**

1542.156D Changes
Instrument/Navigation

Instument/Navigation

- **N4302**
  - **Adding a syllabus note: “SNA should use GPS as navigation back-up on N4302”**
- **Basic Instruments: Removed graded item, and made changes to discuss items-mostly an increase in Spatial D information**
  - **I3000-removed “standard-rate climb/descent” as a graded item**
  - **I4001-Weather requirements for BI flights, Attitude Instrument flight/trim/scan, observer brief, approach brief, instrument CRM (crew responsibilities), publications required on instrument flights, ministab operation**
  - **I4002-Types of spatial disorientation, inner ear illusions, visual ear illusions, spatial disorientation preventions/recognition, spatial disorientation recovery, NATOPS vertigo parameters, two-challenge rule**
  - **I4003-Required equipment for IMC flight, NDZ “on top” weather brief, NDZ stereo-type flight plans**

Instrument/Navigation

- **Radio Instruments: Changes to discuss items, syllabus notes, and graded items**
  - **Syllabus notes:**
    - **I4300-SNA shall prepare Jet Log and DD-175 (using INAV class standards) appropriate for conditions and remaining maneuvers in block.**
    - **I4400-add “(using INAV class standards)” to current note b. which states, “SNA shall call the instructor the night prior for route of flight/details. SNA shall show up to the brief with a completed DD-175 and Jet Log.**
    - **I4690-Students are required to bring a complete instrument rating request form to the brief.**
  - **Discuss Items:**
    - **I3204-remove “overlay approach”**
    - **I4302-Change “straight-in approach/circle-to-land” to “straight-in/circle-to-land/side-step minimums**
    - **I4303-”Failed directional gyro VOR/TACAN procedure, practice approaches VFR/IFR, obstacle departure procedure, non standard takeoff mins (trouble T), non standard alternate mins (delta A), hotspots”**
    - **I4401-remove “straight-in/circle-to-land approach”**
    - **I4403-remove “side-step maneuver”**
  - **Graded items**

1542.156D Changes
Contact / Tactics B

Contact Bravo / Charlie

- **Flights**
  - **1,000 Straight in auto added as SSR to C4003 and as 1st auto of the day in C4101-4103**
  - **C450X – 2.0 HRS reduced to 1.7 HRS**
  - **C4501 Brief item changed from all CR to Santa Rosa/Site 8 CR**
  - **High Wind Recovery Procedures added as briefing item for C4390/C4990**
  - **Power-Off Waveoff removed as MPTS item on C4401**
  - **C48XX Power Recovery Autos removed, now SSR**

- **Academics**
  - **Material in Special Mission Considerations I/II adjusted and class name changed to Advanced Aero I/II**

Tactics Bravo

- **Flights**
  - **Tiltrotor T4001 maneuvers updated to include TLAs and High-speed Approaches /Quick Stops as optional items**
  - **Pinnacle landing language updated to match R&I**

- **Academics**
  - **NSTR**

1542.156D Changes
Night Tactics Stage

Night Tactics Stage

- **CAI and Sim Changes**
  - **Deleted NVG CAI Requirement (V0101)**
  - **NITE LAB event number changed from V0102 to V0101**
  - **Modified prerequisites for V3001 to account for deletion of NVG CAIs**

- **Flight Event Changes**
  - **V4004 discuss item "compliancy/overconfidence" changed to "complacency/overconfidence" to correct for spelling**

- **Syllabus Note Changes**
  - **Change to NVD syllabus note "a", last sentence from "The last three flights should concentrate on navigation routes and procedures while using NVGs" to "The last three flights should emphasize NVG considerations and NVG navigation/terminal area procedures"**

1542.156D Changes
Tactics C Form/SAR

Formation

- **Flights**
  - **F4001-4003 increase from 2.0 to 2.3 hours/X (6.0 to 6.9)**
  - **Syllabus notes: "F4003 and F4101 may be flown together."**

- **Academics**
  - **F0103 Form class reduced from 2.5 to 2.0 hours; animations, slide order change**
  - **Discuss items update for F4001 (CR EFA/Harold/SR), F4101 (lead/wing, fuel)**
  - **FTI clarification/amplification - Smart Pack, Obstacles, Terminal Area, IIMC, Disorientation Procedures, ID and Recognition**
  - **FTI additions- Terminate, Knock-it-Off, Hard Deck terminology**
  - **CAI update F0102 to match FTI changes**

SAR

- **Flights**
  - **Delete S4101 and rename to S4001; delete S4201 and rename to S4101**
  - **Syllabus Notes allowing pairing**
  - **Discussion Item Updates for S4001, S4101**
  - **Add Hospital Pad ID/Landing Zone Evaluation to CTS items S4101**

- **Academics/Sims**
  - **Add Spatial Disorientation Awareness maneuver to S300X**
  - **FTI update of Windline Rescue Pattern: 30 sec Wind Velocity vs Downwind Time Combination. S0104 updates to reflect**